

# EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	80	(US-20050095557-\$ or US-20010036616-\$ or US-20040166464-\$ or US-20040063065-\$ or US-20030073055-\$). did. or (US-0660411-\$ or US-1665156-\$ or US-1714412-\$ or US-2701147-\$ or US-2865101-\$ or US-2876015-\$ or US-2884695-\$ or US-3076904-\$ or US-3429516-\$ or US-3521359-\$ or US-3918161-\$ or US-3959883-\$ or US-3961640-\$ or US-4080737-\$ or US-4117597-\$ or US-6290498-\$ or US-6206694-\$ or US-6012922-\$ or US-5944520-\$ or US-5669769-\$ or US-5556279-\$ or US-5554026-\$ or US-5476379-\$ or US-5145370-\$ or US-5088924-\$ or US-5040979-\$).did. or (US-5055044-\$ or US-4669982-\$ or US-4614498-\$ or US-4600384-\$ or US-4553938-\$ or US-4534734-\$ or US-4521189-\$ or US-4518355-\$ or US-4403959-\$ or US-4341518-\$ or US-4182038-\$ or US-4097995-\$ or US-4051337-\$ or US-4889149-\$ or US-5316347-\$ or US-3966234-\$ or US-5181860-\$ or US-2705159-\$ or US-3186745-\$ or US-4026581-\$ or US-4139222-\$ or US-2935338-\$ or US-5417459-\$ or US-3469863-\$ or US-4753268-\$ or US-D572822-\$ or US-6616450-\$).did. or (US-3809977-\$ or US-6783379-\$ or US-4629425-\$ or US-5791932-\$ or US-4895529-\$ or US-4804329-\$ or US-31110537-\$ or US-5501596-\$ or US-2492449-\$ or US-2542536-\$ or US-3629786-\$ or US-4026243-\$).did. or (US-1665156-\$ or US-3032878-\$ or US-3213537-\$ or US-3429516-\$ or US-1982678-\$ or US-2510125-\$ or US-2720702-\$ or US-3254646-\$ or US-3506002-\$ or US-3082394-\$).did.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/29 11:52
L3	23	L2 and guide	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/29 11:52
L4	37545	guide slot	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/29 11:56
L5	8351	guide slot and coupling	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/29 11:56

## EAST Search History

L6	755	guide slot and coupling and guide pin and hole	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/29 11:57
L7	2276	(guide slot) same coupling	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/29 11:58
L8	365	(guide slot) same coupling same hole	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/29 11:58
L9	947	285/124.1-124.5.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/29 12:09
L10	139	285/124.1-124.5.ccls. and guide	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/29 12:09
L11	3	285/124.1-124.5.ccls. and (guide slot)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/29 12:10
L12	28	("1250944"   "2876795"   "3282612"   "3407834"   "3469863"   "3480036"   "3516691"   "3548849").PN. OR ("3677577").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/29 12:12
L13	18	("3407834").URPN.	USPAT	ADJ	ON	2008/08/29 12:13
L14	159	"285".ccls. and (guide slot)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/29 12:14
L15	13	"3082394"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/29 12:17
L16	1021	"439".ccls. and (guide slot)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/29 12:17
L17	8	"439".ccls. and (guide slot) and (guide pin) and (guide hole)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/29 12:18
S1	1763	(433/27,126,146,77,78,79,82,84,98,99,100).CCLS.	USPAT; USOCR	OR	OFF	2008/08/20 16:36
S2	1899	(433/27,126,146,77,78,79,82,84,98,99,100).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/20 16:36
S3	1	("1714412").URPN.	USPAT	ADJ	ON	2008/08/20 17:32
S4	1	("1714412").URPN.	USPAT	ADJ	ON	2008/08/20 17:32
S5	612	S2 and spring	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/20 17:58
S13	34535	(guide pin) and spring	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 11:24

## EAST Search History

S14	20297	(guide pin) same spring	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 11:24
S15	11583	(guide pin) same spring same (coupl\$3 or connect\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 11:24
S16	512	(guide pin) same spring same (coupl\$3 or connect\$3) same conical	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 11:25
S17	41	(guide pin) same spring same (coupl\$3 or connect\$3) same (medic\$3 or dental)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 11:26
S18	11583	(guide pin) same spring same (coupl\$3 or connect\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 12:23
S19	403	(guide pin) same spring same (coupl\$3 or connect\$3) and (air and water and (electric\$4 or power))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 12:24
S20	168	"285".cls. and (guide pin) and spring	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 12:29
S21	50	("0949608"   "1481392"   "1793015"   "2333423"   "2482292"   "3124374"   "3214195"   "3300235"   "3425717"   "3527480"   "3559574"   "3721359"   "4408521"   "4615546"   "4691942").PN. OR ("5316347").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 12:52
S22	1571	285/82,305,318.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 13:08
S23	597	285/82,305,318.ccls. and spring	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 13:08
S24	132	285/82,305,318.ccls. and spring and guide	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 13:08
S25	12	"534097"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 15:57
S26	5	"5342097"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 15:57
S27	16	("3469863"   "3530513"   "3640552"   "3771226"   "3960393"   "4076279"   "4445859"   "4464113"   "4648839"   "4887850"   "4938509").PN. OR ("5342097").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 15:57
S28	167	285/25.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 15:59

## EAST Search History

S29	635	285/27.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 16:04
S30	105	285/28.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 16:05
S31	33	285/148.21.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 16:40
S32	1244	285/189.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 16:42
S33	1010	285/315,316.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 18:21
S34	32	("2565572"   "2673750"   "2689138"   "2736578"   "2935338"   "3140072"   "3280526"   "3422390"   "3817560").PN. OR ("4139222").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 19:07
S35	7	285/315,316.ccls. and 285/124.1-124.5. ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 19:30
S36	947	285/124.1-124.5.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 19:30
S37	176	S36 and spring	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 19:30
S38	11	("3889986").PN. OR ("4113287").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 09:37
S39	22	("3229656"   "4302034"   "4611831"   "5333691").PN. OR ("5417459").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 09:41
S40	37657	conduit with spring	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 09:49
S41	3690	(guide pin) near4 spring	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 09:50
S42	21	(guide pin) near4 spring near4 (cable or hose or conduit or tube)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 09:50
S43	50	285/124.1-124.5.ccls. and guide and spring	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 10:07
S44	27	("2626974"   "3469863"   "3538940").PN. OR ("4116476").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 10:10

## EAST Search History

S45	39	("1292367"   "2538259"   "2930633"   "3125359"   "3279827"   "4116476").PN. OR ("4753268").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 10:18
S46	947	285/124.1-124.5.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 11:45
S47	50	285/124.1-124.5.ccls. and spring and guide	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 11:45
S48	1	("5316347").PN.	USPAT; USOCR	OR	OFF	2008/08/25 12:31
S49	50	("0949608"   "1481392"   "1793015"   "2333423"   "2482292"   "3124374"   "3214195"   "3300235"   "3425717"   "3527480"   "3559574"   "3721359"   "4408521"   "4615546"   "4691942").PN. OR ("5316347").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 12:31
S50	26	"3324553"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 13:35
S51	88957	air same water same electric\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 13:54
S52	8426	S51 and guid\$4 and spring	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 13:55
S54	1987	S51 and guid\$4 and spring and coupling	USPAT; USOCR	ADJ	ON	2008/08/25 13:56
S55	17	("0623469"   "1039420"   "3092908"   "4183140"   "4276025"   "4303393"   "5052924"   "5251025"   "5484283"   "5575647"   "5908294").PN. OR ("6638068").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 14:04
S56	16	("3518766"   "3809977"   "4169984"   "4315742"   "4838853"   "5342380"   "5451161"   "5702360"   "5879363"   "5980510"   "5998908"   "6065966"   "6176703"   "6190167"   "6278218").PN. OR ("6616450").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 14:06
S57	164	("0591160"   "2846874"   "2874470"   "2917691"   "3176167"   "3368280"   "3375583"   "3427480"   "3432691"   "3447051"   "3488788"   "3518766"   "3539888"   "3544866"   "3586936"   "3689781"   "3703037").PN. OR ("3809977").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 14:08
S59	48	S51 and guid\$4 and spring and coupling and "433".clas.	USPAT; USOCR	ADJ	ON	2008/08/25 14:21
S60	10	S51 and guid\$4 and spring and coupling and "606".clas.	USPAT; USOCR	ADJ	ON	2008/08/25 14:26

## EAST Search History

S61	16	"5039304"	USPAT; USOCR	ADJ	ON	2008/08/25 14:28
S62	19	("2701147"   "3955284"   "4330279"   "4403959").PN. OR ("5039304").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 14:29
S63	7	("4303392"   "4470812"   "5039304"   "5476379"   "5749726").PN. OR ("6270344").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 14:30
S64	635	285/27.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 14:35
S65	105	285/28.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 14:36
S66	152	285/120.1.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 14:39
S67	36593	(fluid with electrical) same connect\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 14:41
S68	844	(fluid with electrical) same connect\$3 same guid\$4 same spring	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 14:42
S69	1093	285/921.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 14:44
S70	25	("2510125").URPN.	USPAT	ADJ	ON	2008/08/25 14:48
S71	41	("2409650"   "2510125"   "2621875"   "3038472"   "3235834").PN. OR ("3673541").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 14:49
S72	78292	(connect\$3) same (water and air and electric\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/28 14:41
S73	5588	(connect\$3) same (water with air with electric\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/28 14:43
S74	583	(connect\$3) same (water with air with electric\$4) same spring	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/28 14:43
S75	442	(connect\$3) same (water with air with electric\$4) same spring same (guid\$4 or position\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/28 14:43
S76	3	("2720702").URPN.	USPAT	ADJ	ON	2008/08/28 14:52
S77	15	("2761111").URPN.	USPAT	ADJ	ON	2008/08/28 14:54
S78	20	("3254646").URPN.	USPAT	ADJ	ON	2008/08/28 15:09
S79	1	(10/735317).APP.	USPAT; USOCR	ADJ	ON	2008/08/28 15:20

## EAST Search History

S80	17	("2552543"   "3110537"   "3112767"   "3678439"   "3682506"   "3817560"   "4366945"   "4403959"   "4477253"   "4515564"   "5143347"   "5240023"   "5569256"   "6412828").PN. OR ("7316424").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/28 15:20
S82	4	("3110537").URPN.	USPAT	ADJ	ON	2008/08/28 15:35
S83	8	"2224057"	USPAT	ADJ	ON	2008/08/28 15:39
S84	6	"2492449"	USPAT	ADJ	ON	2008/08/28 15:41
S85	4	("2492449").URPN.	USPAT	ADJ	ON	2008/08/28 15:42
S86	4	"2542536"	USPAT	ADJ	ON	2008/08/28 15:42
S87	2	("2542536").URPN.	USPAT	ADJ	ON	2008/08/28 15:46
S88	15	("0290844"   "0646742"   "1885227"   "2103758"   "2542536"   "2966539"   "5092774"   "6053539"   "6227866").PN. OR ("6383000").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/28 15:47
S89	18	"2631185"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/28 15:49
S90	7	("3082394").URPN.	USPAT	ADJ	ON	2008/08/28 15:58
S91	5806	(electric\$3 with water with (top or above))	USPAT	ADJ	ON	2008/08/28 16:39
S92	169	(electric\$3 with water with (top or above) with coupl\$3)	USPAT	ADJ	ON	2008/08/28 16:39
S93	2	(electric\$3 with water with (top or above) with coupl\$3 with leak\$3)	USPAT	ADJ	ON	2008/08/28 16:39
S94	2	(electric\$3 with water with (top or above) with coupl\$3 with leak\$5)	USPAT	ADJ	ON	2008/08/28 16:40
S95	119	(electric\$3 with water with (top or above) with leak\$5)	USPAT	ADJ	ON	2008/08/28 16:40
S96	22	(electric\$3 with water with (top or above) with connect\$3 with leak\$5)	USPAT	ADJ	ON	2008/08/28 16:40
S98	813	"433".clas. and (water and air and electric\$4)	USPAT	ADJ	ON	2008/08/28 16:50
S99	152	"433".clas. and (water with air with electric\$4)	USPAT	ADJ	ON	2008/08/28 16:50
S100	2047	electrical and fluid coupling	USPAT	ADJ	ON	2008/08/28 18:07
S101	334	(electrical near2 fluid) with coupling	USPAT	ADJ	ON	2008/08/28 18:27
S102	0	"20080085620"	USPAT	ADJ	ON	2008/08/28 18:33
S103	0	"electrical connector having a fluid coupling"	USPAT	ADJ	ON	2008/08/28 18:34

## EAST Search History

S10 4	2	"20080085620"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/28 18:34
S10 5	9927	(electric\$3 same fluid) same (coupl\$3 or connect\$3) same spring same pin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/28 18:35